

1. In a Spring Boot application , how do you declare a bean?

Ans. @Bean

2. What does the @RestController annotation imply in a Spring Boot application?

Ans. The class serves only JSON content.

3. Which annotation is used to run a method after the application context has been fully loaded?

Ans. @PostInitialize  
@PostConstruct.

4. How can you enable Cross-Origin Resource Sharing (CORS) in a Spring Boot application?

Ans. Use the @CrossOrigin annotation on the controller or method.

5. Which of the following is used to declare a custom configuration class in Spring Boot?

Ans. @Configuration

6. What is a typical use case for Spring Boot's @Profile annotation?

Ans. To create different bean implementations for different profiles.

7. Which of the following is NOT a feature provided by the Spring Boot Actuator?

Ans. CDI Producers

8. In a Spring Boot application, which of the following can be used to load properties from an external file?

Ans. @PropertySource

9. What is the correct order of precedence for property sources from highest to lowest in a Spring Boot Application?

Ans. Command-line arguments > System environment variables > application.properties > current working directory properties.

10. In Spring Boot, What is the default behavior for profiles used in the application.properties file?

Ans. Profiles can be defined by separating properties files based on naming conventions like application-{profile}.properties.

11. In a Spring Boot Application, Which profile-specific properties file will have the highest priority?

Ans. application-prod.properties (or application-dev.properties).

12. Which of the following is NOT a default property source in Spring Boot Application?

Ans. A database configuration table.

13. What is primary purpose of the ApplicationContext interface in a spring Boot Application?

Ans. Serving as a central interface to provide configuration to an application.

14. In a Spring Boot application, which of the following is the main purpose of the `@Autowired` annotation?

Ans. To inject dependencies automatically

15. If you want to change the default database of a Spring Boot application, which file should be modified for providing the necessary configuration?

Ans. `application.properties`